



UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/036,796
Applicant : Driscoll et al.
Filed : 01/07/2002

Title : High-Speed, High Density Interconnect
System ...

TC/A.U. : 2833
Examiner : Xuong M. Chung Trans

Docket No. : 2885-118 (formerly 3395-089)
Customer No. : 06449
Confirmation No. : 4854

INFORMATION DISCLOSURE STATEMENT

Director of the United States Patent
and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98,
Applicant submits herewith information that the Office may wish
to consider in examination of the subject application. Materials
submitted for consideration are listed on the attached form PTO-
1449.

Pursuant to 37 C.F.R. § 1.17(p), a check for \$180.00 is
enclosed. The Commissioner is authorized to charge any

04/02/2004 SMINASS1 00000032 10036796

02 FC:1806

180.00 OP

additional fees or credit any overpayment to Deposit Account No.

02-2135. An additional copy of this document is enclosed.

Respectfully submitted,

By



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Enclosure(s): 74 References



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	10/036,796
Filing Date	January 7, 2002
First Named Inventor	01/07/2002
Group Art Unit	2833
Examiner Name	Xuong M. Chung Trans
Attorney Docket Number	2885-118 (formerly 3395-089)

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	A	3,761,842		Gandrud	September 25, 1973
	B	4,697,858		Balakrishnan	October 6, 1987
	C	4,820,170		Redmond et al.	April 11, 1989
	D	4,836,791		Grabbe et al.	June 6, 1989
	E	4,900,258		Hnatuck et al.	February 13, 1990
	F	4,946,392		Kobler et al.	August 7, 1990
	G	4,988,306		Hopfer, III et al.	January 29, 1991
	H	5,007,843		Smolley	April 16, 1991
	I	5,037,314		Bricaud et al.	August 6, 1991
	J	5,118,300		Zarreii	June 2, 1992
	K	5,122,064		Zarreii	June 16, 1992
	L	5,127,837		Shah et al.	July 7, 1992
	M	5,163,834		Chapin et al.	November 17, 1992
	N	5,167,531		Broschard, III et al.	December 1, 1992

FOREIGN PATENT DOCUMENTS

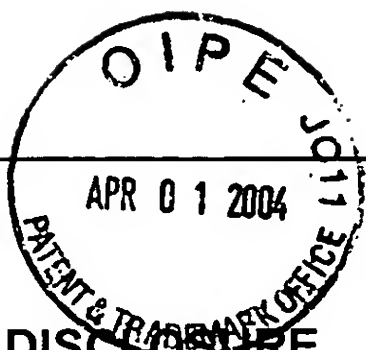
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
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		Number	Kind Code ² (if known)		
	O	5,186,647		Denkmann et al.	February 16, 1993
	P	5,226,835		Baker, III et al.	July 13, 1993
	Q	5,282,754		Kish et al.	February 1, 1994
	R	5,299,956		Brownell et al.	April 5, 1994
	S	5,387,114		Brunker et al.	February 7, 1995
	T	5,388,997		Grange et al.	February 14, 1995
	U	5,395,249		Reynolds et al.	March 7, 1995
	V	5,399,105		Kaufman et al.	March 21, 1995
	W	5,401,912		Mattei	March 28, 1995
	X	5,414,393		Rose et al.	May 9, 1995

FOREIGN PATENT DOCUMENTS

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		Number	Kind Code ² (if known)		
	Y	5,432,484		Klas et al.	July 11, 1995
	Z	5,495,075		Jonckheere et al.	February 27, 1996
	AA	5,501,613		Lenoir	March 26, 1996
	AB	5,547,405		Pinney et al.	August 20, 1996
	AC	5,586,914		Foster, Jr., deceased et al.	December 24, 1996
	AD	5,597,313		Lindeman	January 28, 1997
	AE	5,618,205		Riddle et al.	April 8, 1997
	AF	5,624,268		Maeda et al.	April 29, 1997
	AG	5,626,497		Bouchan et al.	May 6, 1997
	AH	5,647,770		Belopolsky	July 15, 1997
	AI	5,658,156		Henderson et al.	August 19, 1997
	AJ	5,672,062		Lindeman	September 30, 1997
	AK	5,674,093		Vaden	October 7, 1997
	AL	5,704,794		Lindeman	January 6, 1998

FOREIGN PATENT DOCUMENTS

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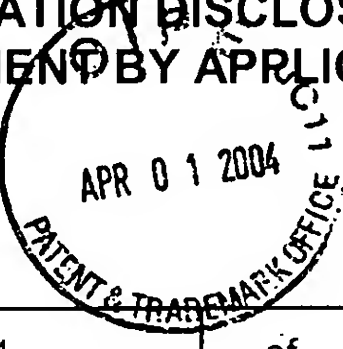
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		Number	Kind Code ² (if known)		
	AM	5,704,795		Lindeman	January 6, 1998
	AN	5,716,237		Conorich et al.	February 10, 1998
	AO	5,788,512		Lindeman et al.	August 4, 1998
	AP	5,791,947		Crane, Jr. et al.	August 11, 1998
	AQ	5,795,190		Ono	August 18, 1998
	AR	5,842,873		Gonzales	December 1, 1998
	AS	5,890,915		Reylek	April 6, 1999
	AT	6,012,927		Longueville et al.	January 11, 2000
	AU	6,046,410		Wojnarowski et al.	April 4, 2000
	AV	6,062,870		Hopfer, III et al.	May 16, 2000
	AW	6,083,047		Paagman	July 4, 2000
	AX	6,123,554		Ortega et al.	September 26, 2000
	AY	6,183,301		Paagman	February 6, 2001
	AZ	6,234,807		Amini et al.	May 22, 2001

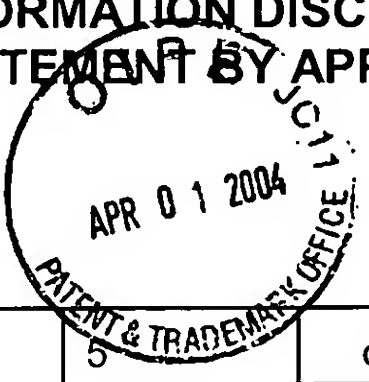
FOREIGN PATENT DOCUMENTS

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		Number	Kind Code ² (if known)				
	BA	6,247,972		Crane, Jr. et al.	June 19, 2001		
	BB	6,264,476		Li et al.	July 24, 2001		
	BC	6,305,947		Bruce	October 23, 2001		
	BD	6,379,188		Cohen et al.	April 30, 2002		
	BE	6,439,894		Li	August 27, 2002		
	BF	6,461,197		Crane, Jr. et al.	October 8, 2002		
	BG	6,491,545		Spiegel et al.	December 10, 2002		
	BH	6,527,588		Paagman	March 4, 2003		
	BI	6,540,558		Paagman	April 1, 2003		
	BJ	6,607,402		Cohen et al.	August 19, 2003		
	BK	Re. 33,611		Michaels et al.	June 11, 1991		
	BL	Re. 36,065		Andrews et al.	January 26, 1999		
FOREIGN PATENT DOCUMENTS							
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	BM	2001/0012704		Eldridge	August 9, 2001
	BN	2001/0041477		Billman et al.	November 15, 2001
	BO	2002/0049229		Pape et al.	December 6, 2001
	BP	2002/0081869		Abbott	June 27, 2002
	BQ	2002/0094705		Driscoll et al.	July 18, 2002
	BR	2002/0102869		Ali et al.	August 1, 2002
	BS	2002/0111068		Cohen et al.	August 15, 2002
	BT	2002/0127893		Brodsky	September 12, 2002
	BU	2002/0173175		Brodsky et al.	November 21, 2002
	BV	2002/0187663		Li	December 12, 2002

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